

Peak District National Park

Forecast valid from 00:00 on Monday 16 Oct 2023 until 23:59 on Tuesday 17 Oct 2023

Forecast Issued on Sunday 15 Oct 2023 at 15:19

Confidence: High becoming Medium in details from Wednesday and Low on Friday.

Headline for Monday 16 Oct 2023: Dry and bright with a chilly start.

Mountain weather hazards on Monday 16 Oct 2023

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Monday 16 Oct 2023

Weather: Dry overnight with clear spells with patchy mist and frost possible in the valleys. This will leave a dry and bright day with sunny spells, although the sunshine could be hazy. Staying dry with clear spells in the evening.

Chance of cloud-free hill tops above 600m: 95% or more

Low cloud and visibility: No significant cloud expected. Visibility very good, except in any early mist in the valleys.

Forecast for Monday 16 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/6 W	2/3 SE	6/8 SE	6/9 SE	7/11 SE	8/12 SE	10/15 E	11/18 E	12/19 E
300	3/4 E	2/3 E	4/5 E	3/7 E	6/9 SE	6/10 SE	6/10 E	7/14 E	8/12 NE
Valley	3/4 E	2/2 E	4/5 E	4/7 E	5/9 SE	6/11 SE	6/12 E	8/14 E	9/17 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/3	4/4	4/2	5/3	6/3	6/3	5/1	5/1	4/1
300	6/5	6/5	6/4	6/6	8/7	8/7	7/5	6/4	6/3
Valley	5/4	4/3	4/3	7/6	9/8	10/8	7/5	7/4	6/4
Freezing Level*	1000m	1000m	1000m	1000m	1000m	1000m	1000m	1100m	1200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Temperatures lower in the valleys around dawn with a frost possible.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at
14:00 on Sun 15 Oct 2023

Last 24 hours:
N/A

Last 48 hours:
N/A

Last 72 hours:
N/A

Forecast for Tuesday 17 Oct 2023

Weather: Clear spells overnight with patchy mist and frost possible in the valleys. The will lead to another dry and bright day with any sunshine rather hazy. Winds freshening during the day.

Maximum wind: East or SE 15mph increasing 25mph gusting 35mph in the afternoon.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Generally no significant low expected, but patches, base 300 to 600m, possible during the morning. Visibility very good, except in any mist and patchy cloud.

Temperature: **Valleys:** Plus 1 Celsius rising to plus 13 Celsius

At 600m: Plus 2 Celsius rising to plus 7 Celsius

Freezing level: Generally above the summits, but a frost possible around dawn.